

**TABLE 3: C" FACTORS FOR CROPLAND (SINGLE YEAR) EI AREA 87C  
MEDIUM YIELDS**

Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

**CULTIVATED CORN FOR GRAIN**

<u>Previous Crop Was:</u>																									
Alfalfa	.23	.21	.19					.19			.13	.12	.10								.04	.03			
Corn-80 bu	.32		.25	.21	.17	.15	.13	.31		.24	.20	.17	.14	.12		.18				.08	.07	.05			
Corn Silage-13 T	.45	.41						.46	.43	.38															
Fallow		.54	.42					.54	.42								.22	.16							
Forage Sorghum	.41	.39	.33					.41	.39	.31							.22	.16							
Grain Sorghum-75 bu	.29		.23	.19	.16	.14		.28		.21	.18	.15	.13	.11					.10	.08	.06	.05			
Oats-50 bu	.36		.26	.21	.16			.34			.20	.16	.12							.09	.08	.06			
Soybeans NRw-35 bu		.37	.33					.35	.31									.17	.14						
Soybeans WRw-35 bu	.40	.38	.32					.38	.36	.31	.27					.30		.16	.14	.11	.09				
Sunflowers-2,000 lbs	.32	.29	.25					.31	.27	.24								.13	.10						
Winter Wheat-40 bu	.30		.22	.18	.14			.26				.14	.11	.07								.05	.04	.03	

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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

**CULTIVATED CORN SILAGE**

<u>Previous Crop Was:</u>																									
Alfalfa	.23	.21	.19					.19			.13	.12	.10								.04	.03			
Corn-80 bu	.36		.28	.24	.22			.34		.27	.23	.19	.16												
Corn Silage-13 T																									
Fallow																									
Forage Sorghum																									
Grain Sorghum-75 bu																									
Oats-50 bu	.31		.27	.22	.18			.27			.21	.16	.11							.10	.08	.06			
Soybeans NRw-35 bu																									
Soybeans WRw-35 bu	.42	.40	.36					.40	.37	.33							.16	.14	.12						
Sunflowers-2,000 lbs	.27	.24	.20					.26	.23	.19								.11	.09						
Winter Wheat-40 bu	.27		.20	.15	.12			.23			.14	.12	.09									.04	.03	.03	

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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

**CULTIVATED FALLOW**

<u><b>Previous Crop Was:</b></u>																									
Alfalfa																									
Corn-80 bu				.22	.17	.13					.22	.17	.13						.07	.05					
Corn Silage-13 T																									
Fallow																									
Forage Sorghum		.57	.50						.56	.50							.27								
Grain Sorghum-75 bu				.21	.16						.21	.16							.07						
Oats-50 bu																									
Soybeans NRw-35 bu																									
Soybeans WRw-35 bu																									
Sunflowers-2,000 lbs			.29	.24	.21				.28	.24	.21							.10							
Winter Wheat-40 bu				.25	.20	.15						.18	.14	.11								.05	.04		

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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

**CULTIVATED FORAGE SORGHUM**

<u>Previous Crop Was:</u>																									
Alfalfa																									
Corn-80 bu	.31		.22	.18	.14			.30		.21	.17	.13							.08	.07	.05				
Corn Silage-13 T																									
Fallow		.63							.63								.32								
Forage Sorghum	.41	.40	.34					.41	.41	.33								.22							
Grain Sorghum-75 bu	.28		.20	.16				.28		.19	.15	.14							.08	.06	.05				
Oats-50 bu	.35		.24	.18	.14			.32		.21	.17	.14								.09	.07	.05			
Soybeans NRw-35 bu																									
Soybeans WRw-35 bu	.40	.37	.29					.38	.35	.29							.18	.15							
Sunflowers-2,000 lbs	.31	.27	.22	.18				.30		.21	.18							.11	.09	.08					
Winter Wheat-40 bu	.31		.21	.16	.12			.28			.14	.11	.09									.04	.03		

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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

**CULTIVATED GRAIN SORGHUM**

<u>Previous Crop Was:</u>																									
Alfalfa		.23	.18	.15						.14	.11	.09						.06	.05	.04					
Corn-80 bu	.27		.19	.16	.14			.25			.14	.12	.10	.09					.06	.05	.04				
Corn Silage-13 T																									
Fallow		.49	.42						.49	.42								.21							
Forage Sorghum	.35	.34	.27					.33	.38	.30								.18	.14						
Grain Sorghum-75 bu	.24		.18	.14	.12			.23		.16	.13	.11	.09			.11			.07	.05	.04				
Oats-50 bu	.31		.21	.16	.12			.27			.15	.12	.10							.07	.06	.05			
Soybeans NRw-35 bu																									
Soybeans WRw-35 bu	.34	.32	.26					.32	.29	.25						.22		.12	.10	.08	.06				
Sunflowers-2,000 lbs	.27	.25	.19					.26	.22	.18							.11	.09	.07						
Winter Wheat-40 bu	.26		.18	.14	.11			.23			.13	.10	.08									.03	.03	.02	

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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

OATS

<u>Previous Crop Was:</u>																								
Alfalfa																								
Corn-125 bu	.09			.05	.04	.03		.10				.04	.03	.03									.01	.01
Corn Silage-16 T	.16	.13	.09					.16	.14	.11								.07	.05	.04				
Fallow																								
Forage Sorghum	.15	.14	.11					.15	.14	.10	.08							.07	.05	.04				
Grain Sorghum-90 bu	.08		.07	.05	.04			.08			.05	.04	.03									.02	.01	.01
Oats-70 bu	.12			.06	.05	.04		.10				.05	.04	.03									.02	.02
Soybeans NRw-45 bu																								
Soybeans WRw-45 bu	.12	.11	.09					.11		.09	.07									.04	.03	.02	.01	
Sunflowers-2,400 lbs	.09		.07	.05	.04			.09			.05	.04	.03								.02	.02	.02	
Winter Wheat-50 bu																								

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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

*CULTIVATED SOYBEANS, Narrow Row*

<u>Previous Crop Was:</u>																									
Alfalfa		.17	.12	.10						.12	.09	.07							.07	.05					
Corn-125 bu			.16	.13	.11	.09					.12	.10	.08	.07						.06	.04	.03	.02		
Corn Silage-16 T																									
Fallow																									
Forage Sorghum																									
Grain Sorghum-90 bu			.15	.12	.10						.11	.09	.08							.07	.05	.05			
Oats-70 bu											.13	.10	.08								.06	.05	.04		
Soybeans NRw-45 bu																									
Soybeans WRw-45 bu		.26	.21						.24	.20	.17							.16	.13	.11					
Sunflowers-2,400 lbs																									
Winter Wheat-50 bu			.15	.12	.09						.11	.09	.07									.04	.04		

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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

CULTIVATED SOYBEANS, Wide Row

<u>Previous Crop Was:</u>																									
Alfalfa		.21	.16	.13				.23		.16	.12	.10							.05	.04	.03				
Corn-125 bu	.29		.22	.17	.14	.12	.10	.27			.16	.14	.11	.09		.12				.05	.04	.03			
Corn Silage-16 T	.42	.37						.42	.37								.24								
Fallow																									
Forage Sorghum	.38	.38						.38	.37	.31							.19								
Grain Sorghum-90 bu	.26		.20	.16	.13	.12		.25			.15	.13	.11	.09		.11				.05	.04				
Oats-70 bu	.33		.23	.18	.15			.29			.17	.14	.11							.07	.04	.03			
Soybeans NRw-45 bu		.26	.22						.23	.20									.08	.07					
Soybeans WRw-45 bu	.37	.34	.27					.35		.27	.23								.11	.09	.08				
Sunflowers-2,400 lbs	.29							.28		.20	.17								.09	.07					
Winter Wheat-50 bu	.28		.20	.16	.13			.25			.15	.11	.09									.04	.04	.03	



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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

**CULTIVATED SUNFLOWERS**

<u>Previous Crop Was:</u>																									
Alfalfa																									
Corn-125 bu	.34		.24	.19				.33		.23	.18	.14						.09	.07	.06					
Corn Silage-16 T	.44	.43						.44	.42								.23								
Fallow		.61							.60								.25								
Forage Sorghum	.44	.41	.36					.43	.42	.32							.22								
Grain Sorghum-90 bu	.31		.22	.18				.30		.19	.17	.14							.06	.05					
Oats-70 bu	.38		.26	.19	.15			.34		.22	.18	.14							.09	.07	.06				
Soybeans NRw-45 bu																									
Soybeans WRw-45 bu	.43							.41	.37	.30							.19	.15							
Sunflowers-2,400 lbs	.35	.32	.24					.33	.29	.24							.15	.12							
Winter Wheat-50 bu			.20	.16	.12						.14	.11	.09								.05	.04	.03		

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Crop  Sequence	Fall Tillage							Spring Tillage							Ridge  Till	No-Till							
	% Cover after Planting							% Cover after Planting								% Cover after Planting							
	FP	0	10	20	30	40	50	SP	0	10	20	30	40	50		60	10	20	30	40	50	60	70

Crop to be Planted:

WINTER WHEAT

Previous Crop Was:																								
Alfalfa				.03	.02	.02														.02	.01	.01		
Corn-125 bu	.13				.05	.04	.03	.07				.02	.02	.01									.02	.01
Corn Silage-16 T	.07	.07	.05	.04				.07		.05	.04									.02	.02	.01		
Fallow			.08	.06						.08	.06									.04	.03	.02		
Forage Sorghum	.08		.07	.05				.07		.06	.05									.02	.02	.01		
Grain Sorghum-90 bu	.06			.02	.02	.02	.01	.05				.02	.02	.01									.01	.01
Oats-70 bu																								
Soybeans NRw-45 bu																								
Soybeans WRw-45 bu	.08		.05	.04	.03	.03	.02	.08										.04	.03	.02	.02	.01	.01	.01
Sunflowers-2,400 lbs		.08	.06	.04						.05	.04	.03									.02	.01	.01	
Winter Wheat-50 bu					.03	.02	.02																.01	.01